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SAKATA'S
RELIABLE SEEDS
FOR THE
NURSERY

1936 CROP

HERBST BROTHERS

92 Warren Street,

New York, N. Y.

Agents for

T. Sakata & Co., Yokohama, Japan.

Newly harvested 1936 Seeds of *ARALIA SIEBOLDII* - *Fatsia japonica* - (see page 14), *PRUNUS* - Flowering Cherries - in variety (see pages 23-24) have already been forwarded to New York.

Send order today to Messrs. Herbst Brothers, 92 Warren St., New York City, for immediate delivery.

Refer to the Specialty Pages 2-8, and you will find good many interesting items - *A Good Money-Makers*.

SAKATA'S
RELIABLE SEEDS
for the NURSERY

1 9 3 6
C R O P

HERBST BROTHERS
92 Warren Street, New York, N. Y.
Agents for
T. SAKATA & Co. Yokohama, Japan.

NOT PRICE



BUT QUALITY

T. SAKATA & COMPANY

Nishi-Hiranuma,
YOKOHAMA, JAPAN.

S E E D S

FLOWER
T R E E
VEGETABLE

CABLES
"SAKATASEED"
YOKOHAMA

CODES
A B C 5TH EDITION
A B C 5TH IMPROVED
GENTLEY'S & PRIVATE

P. O. BOX KANAGAWA NO. 11

TEL. CHOJAMACHI { 3273
521

T. SAKATA & CO. GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO PURITY, DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS AND BULBS THEY SEND OUT AND THEY WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP

Gentlemen:

We have pleasure in presenting 1936 Tree and Perennial Plant Seed List, and hope to be favored with your order at an early date.

This year we are expecting a good yield in general line of tree seeds and that we can take care of your order in satisfactory manner.

We have added to the list a few more items which we believe will interest you. Also refer to the Specialty Pages 2-8, in which you will find good many items of merits.

"Quality Seed", we believe, is what you are looking for. From us you can expect the most dependable seed that is procurable in the Orient. All seeds we ship out are passed through our Laboratory, where vitality and trueness are carefully checked.

Our Agents, Messrs. HERBST BROTHERS, 92 Warren St., New York, N.Y., will be pleased to transmit to us your order: they are always intent upon furthering mutual interests and shall be glad to communicate to us your wishes.

We thank you for your past patronage and look forward for your further commands.

Yours faithfully,

T. SAKATA & COMPANY

Yokohama, Japan.

August, 1936.

Terms of Sale

DISCLAIMER: We give for ourselves or our principals no warranty expressed or implied, as to the description, quality, productiveness, or in any other respect for the seed we deliver, nor will we be responsible for the crop in any way. In no case shall we or our principals be held liable for more than the invoice value of the seed sold.

QUOTATIONS are based on an average crop and normal cost of collecting and preparing the seed. If through unforeseen contingencies the cost of any item is extraordinarily increased, we reserve for ourselves and our principals the privilege of advancing proportionately the price of such items of accepted orders, subject to the buyers' option to acquiesce or cancel the items affected.

PRICES are F.O.B. Seattle. They include import duty, fumigation costs and all Custom House charges.

WEIGHTS are net. Containers are charged at cost.

DELIVERY is always subject to crop-out-turn and arrival in good condition from the source.

PURCHASES of less than $\frac{1}{2}$ lb. of any one item will be billed at 25% over the pound price. Minimum orders for any one item 4 ozs., except where otherwise indicated; minimum charge 25¢.

PAYMENT: Our prices are calculated on a strictly cash basis; customers remitting with their orders will be allowed 5% discount.

Buyers will kindly indicate the routing desired, which will be followed as far as possible; otherwise we will use our best judgment in shipping, always subject to the buyer's responsibility after delivery to carrier.

This offer expires October 31st, 1936.

HERBST BROTHERS,
Agents for T. Sakata & Co.

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SPECIALTIES

WE INVITE YOUR APPLICATION FOR LARGE QUANTITY.

CASTANEA MOLLISSIMA (Korean Chestnut), resistant type

Blight resistant hardy chestnut widely recognized by foresters. The nuts are sweeter and larger than native varieties. **The seed should be ordered early.**

55 ¢ lb; \$ 4.00 10 lbs.

IMPORTANT

We supply only newly harvested Pear seed which vitality is thoroughly examined in our Laboratory. We therefore do not take any further responsibility as to the germination of our seed when planted in the field. We book all orders only on that understanding.

If our customers are not satisfied with our seed, it must be returned to our Agents within 5 days it is delivered.

PYRUS SEROTINA

Wild Japanese Pear. A blight resistant type, rapid in growth and an excellent understock. Very popular in our Southern States. **The seed should be ordered early.**

\$ 2.00 lb; \$ 18.00 10 lbs.

PYRUS USSURIENSIS (Cultivated)

Embodies all of the advantages of the wild variety and in addition, produces an astonishingly even top growth. **The seed should be ordered early.**

\$ 2.40 lb; \$ 22.00 10 lbs.

ABIES HOMOLEPIS (brachyphylla), Nikko Fir

A tree of rare gracefulness. Perfectly hardy in the Arnold Arboretum. It frequently grows to 120 feet with wide-spreading branches, dark green leaves which are silvery on the underside. One of the handsomest of all Silver Firs.

\$ 1.00 lb; \$ 9.00 10 lbs.

Unless specified, our seeds are always cleaned either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

ABIES VEITCHII (Veitch Fir)

Less tall than the above with a smooth, pale gray bark and short, horizontally spreading branches clothed with dark green leaves silvery on the lower surface.

\$ 1.50 lb; \$ 13.50 10 lbs.

CHAMAECYPARIS OBTUSA (Hinoki Cypress)

Very popular and highly valued for timber in Japan. Also valuable as ornamental.

70 ¢ lb; \$ 6.50 10 lbs.

GINKGO BILOBA (Maidenhair Tree)

The sole survivor of a preglacial group. Makes a magnificent, picturesque, upright shade tree and is always in good demand. Ginkgos are noticeably free from insect damage. The nuts are edible. **Orders should be placed immediately.**

35 ¢ lb; \$ 3.00 10 lbs.

JUNIPERUS CHINENSIS (Chinese Juniper)

More often assumes the form of a medium sized, broadly pyramidal tree than that of a slender branched shrub. Some specimens reach a height of 60 feet. The foliage consists of two kinds of leaves, narrow and closely appressed scalelike ones, and pointed, linear, spreading needles. Highly recommended for landscape planting as it does remarkably well in cultivation, withstanding extremes of cold, heat and drought.

\$ 1.60 lb; \$ 14.50 10 lbs.

LARIX LEPTOLEPIS (Japanese Larch)

Its quick growth and blight resistance is attracting American and European foresters. A good crop is expected this year and high quality seed will be suppliable. **For large quantity, please write for current price.**

\$ 3.00 lb; \$ 27.00 10 lbs.

PINUS KORAIENSIS (Korean Pine)

Mr. Sakata calls special attention to the handsome and dense habit of this Pine. An outstandingly fine species.

60 ¢ lb; \$ 5.40 10 lbs.

SCIADOPYTIS VERTICILLATA (Japanese Umbrella Pine)

Most notable conifers that can be grown in the climate of Mass. It is of dense, pyramidal habit with ascending-spreading branches. The leaves are borne in clusters around the stem, one tier above another, suggesting a parasol, hence its common name. They unfold bright green but soon change to black-green and remain so throughout the winter. The strap-shaped leaves, each from 3 to 4 inches long, are thick and leathery in texture with a white line on the under side. It likes a cool situation and good soil. On account of its great hardiness and distinct appearance nurserymen ought to raise it in quantity.

\$ 1.85 lb; \$ 16.00 10 lbs.

TAXUS CUSPIDATA (Japanese Yew)

Not only is production from seed cheaper than from cuttings, but it results in more shapely upright plants. Culture is very simple. Perfectly hardy.

75 ¢ lb; \$ 7.00 10 lbs.

ACER PALMATUM (Japanese Maple), small seeded type

The small seeded has invariably produced stronger grafting stock and more seedlings per pound of seed. Best understock for grafting.

\$ 1.20 lb; \$ 10.50 10 lbs.

AMPELOPSIS TRICUSPIDATA (Veitchi), Japanese Creeper

A most popular vine plant. It clings firmly to wall, which turns scarlet orange in fall, is particularly attractive.

\$ 1.65 lb; \$ 14.50 10 lbs.

AZALEA KURUME, mixed colors

Few Azaleas can beat Kurume in beauty. It contains a vast range of most fascinating brilliant shades as well as intermediate colors. Single, as well as semi-double flowers. We collect our seed from beautiful garden collections.

\$ 1.00 pkt; \$ 5.35 oz.

AZALEA MOLLIS, mixed colors

Collected from an assortment of various colors such as pure yellow, orange red, brownish red, etc.

70 ¢ oz; \$ 2.00 $\frac{1}{4}$ lb.

AZALEA SCHLIPPENBACHII (Royal Azalea)

A sturdy bush of upright habit, bearing on naked twigs terminal clusters of large pure pink blossoms. A very hardy deciduous Azalea desirable to all gardens.

\$ 1.50 oz; \$ 4.00 $\frac{1}{4}$ lb.

BERBERIS THUNBERGII

One of the most valuable species, especially remarkable for its low, dense, horizontal growth, its large brilliant red fruits, remaining fresh till the following spring, and for its bright scarlet fall coloring, hardy. Very valuable for borders of walks and drives and for low ornamental hedges.

\$ 1.35 lb; \$ 12.00 10 lbs.

CAMELLIA JAPONICA DOUBLE-FL., mixed colors

Double flowered of the Japanese Camellia. Collected from garden varieties.

\$ 1.50 lb; \$ 13.50 10 lbs.

CERCIS CHINENSIS (Redbud)

Grows to 45 feet with a trunk of 5 feet in girth. The foliage in autumn assumes fine tints. It blooms freely and the flowers are larger and better colored than most of the other varieties.

\$ 2.25 lb; \$ 20.00 10 lbs.

CLEMATIS PANICULATA (Virginia Bower)

Beautiful climbers for the shady side of the house or the trellis. Water and hoe them frequently in the summer for best results. Flowers white, very profusely produced in late summer.

\$ 1.95 lb; \$ 16.50 10 lbs.

CORNUS KOUSA (Kousa Dogwood)

Comes to flower mid-June. Its upstanding heads on rigid slender stalks are covered with rich green leaves. Copious floral heads, each from 5 to 6 inches across, last for full a month before turning scarlet. **Order early.**

80 ¢ lb; \$ 7.20 10 lbs.

CYDONIA JAPONICA PYGMAEA (Dwarf Flowering Quince)

Similar to *C. japonica* (Flowering Quince) in brilliancy of flower and fruit, but of dwarf and creeping habit. Highly recommended for rock gardens. Easy to grow from seed.

70 ¢ lb; \$6.30 10 lbs.

EUONYMUS ALATUS (Winged Euonymus)

Turns brilliant-red in the autumn. Berries also turn to bright red. Very showy.

75 ¢ lb; \$7.00 10 lbs.

ILEX CRENATA (Japanese Holly)

A small tree with small thick glossy foliage similar to Boxwood. Lends itself to specimens and hedgework and may be trimmed frequently.

90 ¢ lb; \$8.00 10 lbs.

MAGNOLIA CONSPICUA (Yulan)

Ours is true strain. Order early.

\$2.60 lb; \$24.00 10 lbs.

MAGNOLIA KOBUS (Japanese Magnolia)

Many nurserymen have trouble in starting the seed but we can supply such Kobus seed which is sure to germinate. They are harvested with utmost care and dried in such manner that they do not fail to germinate. Customers must plant our seeds immediately on their arrival.

\$1.30 lb; \$12.00 10 lbs.

MAGNOLIA LILIFLORA

A large flowering Magnolia. The flower is even larger than Yulan but with dark purple-red color.

\$2.60 lb; \$24.00 10 lbs.

NANDINA DOMESTICA RED

One of the most beautiful of red berries in Japan. Usually they attain from 3 to 6 feet high making standard appearance as they lose their foliage from the bottom. The brilliant red berries born on the top part of the plant in very heavy clusters which easily measure more than foot long covered by hundreds of good sized round berries of most brilliant red imagined. Easily can be grown from seed and comes to berry within a few years.

\$1.00 lb; \$9.00 10 lbs.

PRUNUS INCISA (Mame Cherry)

Absolutely hardy in the Arnold Arboretum and rivals *P. subhirtella* in abundance of blossom. As the petals fall, the calyx become bright colored and adds fully a week to the Spring beauty of this tree.

\$1.75 lb; \$16.00 10 lbs.

PRUNUS LANNESIANA (Hitoye Cherry)

One of the principal parents of the double-flowered Japanese Cherries. Pure white blossoms, each about 1½ inches in diameter, borne several together in fascicles are crowded toward the ends of the branches. The flowers are fragrant.

\$1.00 lb; \$9.00 10 lbs.

PRUNUS SERRULATA (Oriental Cherry)

Another parent to a large group of hardy double flowering varieties. The low price of the seed permits its extensive use as understock.

\$ 1.00 lb; \$ 9.00 10 lbs.

PRUNUS SERRULATA SACHALINENSIS (Ezo-Yama Cherry)

Also known as Sargent Cherry. Native of northern Japan and, therefore, perfectly hardy. Flowers are rich rosy pink, fading to pink and the largest of all Japanese Cherries. Very hardy.

\$ 1.75 lb; \$ 16.00 10 lbs.

PRUNUS SUBHIRELLA (Spring Cherry)

One of the most beautiful of all the lesser flowering trees. It is an extra early flowering variety and exceedingly floriferous year after year, and its blossoms last longer than those of other single flowered types. At first pink, the flowers become lighter with age, until, when ready to fall, they are almost white. Flowers already in March/April.

\$ 2.00 lb; \$ 18.00 10 lbs.

PRUNUS TRILOBA (Flowering Plum)

Makes a broad bush. 12 feet high and 20 feet in diameter. Its slender rigid stems are densely packed with Double Rose-like pink blossoms.

\$ 1.20 lb; \$ 11.00 10 lbs.

PRUNUS YEDOENSIS (Yoshino Cherry)

"This is the Cherry," wrote Mr. Wilson, "so generally planted in the parks, temple grounds, cemeteries and streets of Tokyo. Its flowering is the occasion of a popular festival in the city of Tokyo." The blossoms are white flushed with pink.

\$ 1.75 lb; \$ 16.00 10 lbs.

PUERARIA THUNBERGIANA (Kudzu Vine)

For large quantity price on application.

The use of this plant as a forage crop is highly recommended. The U. S. Department of Agriculture went to the expense of sending representatives to the Orient to further study it. To quickly establish a field, the use of seedlings has been found advisable due to its slow initial development. Particularly in the Southern States, where the plant is best known, the growing of seedlings should prove profitable. Being of rapid growth, it makes a good cover.

\$ 1.45 lb; \$ 13.00 10 lbs.

RHAMNUS DAVURICA (Dahurian Buckthorn)

The loose, irregular, horizontal branching habit of the Dahurian Buckthorn is the plant's outstanding characteristics although its firmly textured, narrow-elliptic to oblong, deep green leaves, are quite a bit larger than those of most species. The flowers and fruit are much alike those of *R. cathartica*.

\$ 3.00 lb; \$ 27.00 10 lbs.

RHODOTYPOS KERRIOIDES (Jetbead)

Resembles *Kerria japonica* but with white flowers. A handsome and distinct shrub, hardy as far north as Mass, with bright green foliage.

\$ 1.25 lb; \$ 11.00 10 lbs.

ROSA MULTIFLORA

Useful understock and ornamental. Perfectly hardy in the Northern States. Pure white flowers are borne in great profusion. Excellent for mass plantings and embankments. For large quantity, please write for current price.

45 ¢ lb; \$ 4.00 10 lbs.

ROSA MULTIFLORA THORNLESS

We collect seeds from only thornless trees but all seedlings are not like their parents. However, good many percentage are thornless. The best way is to make cuttings from these thornless seedlings.

\$ 1.00 lb; \$ 9.00 10 lbs.

ROSA RUGOSA

For seashore gardens this is one of the best of all plants. In Japan it is known as the Sea-Tomato— a very apt name, when its natural habit and its fruits are remembered. Larger all way through than R. multiflora.

55 ¢ lb; \$ 5.00 10 lbs.

ROSA WICHURAIANA

A handsome rose for covering banks and rockeries, with polished, dark green leaves on creeping branches and pure white, fragrant blossoms.

55 ¢ lb; \$ 5.00 10 lbs.

STYRAX JAPONICA (Japanese Snowbell)

The bell-shaped flowers are borne in cymose clusters at the end of every branchlet and the corolla is of pure, waxy white. No other tree has such an abundance of bloom. Grows freely from seed.

75 ¢ lb; \$ 7.00 10 lbs.

VIBURNUM CARLESII

It germinates well after stratification. Seedlings are cheaper than grafts and produce natural well shaped plants. They are finest and most fragrant clove scented Viburnum from Korea. Flowers waxy in texture, pink tinted in bud and pure white when fully opened. Flowers make a rounded and conspicuous clusters.

\$ 2.80 lb; \$ 26.00 10 lbs.

WISTERIA SINENSIS

Attractive large twiners with pea-shaped flowers, planted for covering porches, arbors, and buildings: the noblest of the woody vines. Bloom in May.

Blue flowering \$ 1.00 lb; \$ 9.00 10 lbs.

White flowering 2.60 lb; 23.00 10 lbs.

DIANTHUS SUPERBUS ALBUS

Lately, the lovely pink-flowered Dianthus superbus has become very popular. Now we are glad to add a pure white sport which is identical to its parents excepting color. This has delicious fragrance.

\$ 1.00 pkt; \$ 5.00 oz.

DIANTHUS SUPERBUS ROSEUS

Much dark-rose flowering sport of the type. Up to 80% comes true to colors.

\$ 1.00 pkt; \$ 4.00 oz.

FLOWERING KALE, mixed colors

In young stage its leaves are green just like ordinary Kale, but in autumn as the weather advances remarkably beautiful colors such as white, cream, pink, rose, magenta, etc., begin to appear on dark green ground.

As the plants grow, the colors become more brilliant and keep well into winter until late spring.

Sakata's strain is better in color, more compact in habit which makes it more suitable for pot plant than the old loose and tall growing Coleus-leaved or variegated-leaved Kale.

Considering its conspicuous color and its marvellous keeping quality, this Flowering Kale should gain great popularity as pot plants for X'mas or New Year decoration or as bedding out plants for winter and spring borders.

Cultural notes :

Seed is sown in seed bed in April to May. Transplanted two or three times as they grow on. By the middle of Nov. they are planted out in bed 1½ ft. apart, or planted singly in pots using 8 or 10 in. pots. Do not apply too much fertilizer at the time of final shifting, as such will delay the coming of color.

For other points do just as you will grow Cabbage or Kale. Where climate is very cold it is better to stow in a cold frame or under shed to ward off frost.

70 ¢ oz ; \$ 2.00 ¼ lb.

IRIS KAEMPFERI

Undoubtedly the finest of all Iris family. Especially so, as this seed is collected from famous collection, cultivated for exhibition purpose.

40 ¢ oz ; \$ 1.00 ¼ lb.

LILIUM PHILIPPINENSE FORMOSANUM WHITE-FLOWERED STRAIN

Flowers within six to eight months from seed. Seedling of February to March already comes into flower in September the same year. Under moderate climate keeps on flowering continuously year after year. Excellent both for pots and for garden, also invaluable for cut flowers. Produces good percentage of pure white-flowers.

\$ 2.00 oz ; \$ 5.00 ¼ lb.

PAEONIA CHINENSIS DOUBLE-FL., mixed

Famous Peony of Japan, collected from fine garden varieties.

\$ 3.50 lb ; \$ 30.00 10 lbs.

PAEONIA SUFRUTICOSA (Moutan)

Double Tree Peony mixed. Our collection is done only from cultivated double flowering sorts of the most beautiful colors and shapes.

\$ 7.00 lb ; \$ 60.00 10 lbs.

SCABIOSA FISCHERI

An attractive Scabious of Manchurian origin, easy to grow and a long-lived perennial. Height about 2½ feet and requires no stake, being neat and tidy habit. Flower is 2½ inches across and is beautiful blue-purple color not easy to describe. Flowering growths are clothed with smaller, finely cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting.

50 ¢ pkt ; \$ 1.50 oz.

*Unless specified, our seeds are always cleaned either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.*

Explanation of Signs

- *.....Early maturing varieties which should be ordered at once.
 a.....Annual.
 ac ...Annual Climber.
 alAlpine Plant.
 biBiennial.
 bi.al..Biennial Alpine Plant.
 d.....Deciduous.
 dcDeciduous Climber.
 e.....Evergreen.
 ecEvergreen Climber.
 p.....Perennial.
 p.al..Perennial Alpine Plant.
 s.....Shrub.
 RPlants suited for Rock and Alpine Gardens.

Fruit and Economic Plant Seeds

								F. O. B. Seattle Duty and Fumigation Included	
								Per lb.	10 lbs.
ALEURITES (Tung-oil Tree)									
d	cordata	(elaeococca)	..	..	..	..	..	\$ .55	\$ 5.00
d	Fordii		..	..	..	..	..	.75	7.00
CAMELLIA —see page 16.									
CASTANEA (Chestnut)									
d	japonica ,	Japanese Wild Chestnut, small fruiting	..	..	..	..	..	.35	3.00
d	mollissima ,	Korean Chestnut, resistant type	..	..	..	..	..	.55	4.00
<i>See also specialty page 2.</i>									
d	pubinervis ,	Korean Chestnut..	..	..	..	..	..	.50	3.50
d	Tamba ,	Giant Japanese Chestnut	..	..	..	..	..	.50	3.50
<i>Another much appreciated Chestnut which yields an abundance of giant edible nuts.</i>									
CINNAMOMUM									
e	camphora	(Camphor Tree)	..	..	..	..	..	.80	7.20
e	Loureirii		..	..	..	..	..	.80	7.20
e	pedunculatum		..	..	..	..	..	.80	7.20
CITRUS									
e*	aurantium ,	Sour Orange	..	..	..	..	..	2.00	18.00
a*	trifoliata ,	Hardy Orange	..	..	..	..	..	1.00	9.00
CRATAEGUS (Hawthorn)									
d	cuneata ,	Nippon Hawthorn	..	..	..	..	..	3.00	27.00
<i>In the Orient, this Crataegus has proven a valuable understock for apples.</i>									
d	pinnatifida typica ,	Chinese Hawthorn	..	..	..	..	..	2 50	22.50

Any other varieties not listed in this list, prices on request.
 Special prices on larger quantities.

		F. O. B. Seattle Duty and Fumigation Included	
		Per lb.	10 lbs.
CYDONIA (Quince) – see also page 18.			
d	vulgaris , Edible Quince	\$1.00	\$ 9.00
DIOSPYROS (Persimmon)			
d	japonica , Japanese Edible Persimmon .. .. .	.40	3.60
d	Kaki , Kaki Persimmon, Large-sized Edible Persimmon ..	.60	5.40
d	lotus , Dateplum .. .. .	.40	3.60
ERIOBOTRYA (Loquat)			
e*	japonica , Japanese Edible Loquat .. .. .	.50	4.50
e*	japonica Improved , Large-fruited type .. .. .	.70	6.30
JUGLANS (Walnut)			
d	mandshurica , Manchurian Walnut	1.00	9.00
d	regia sinensis , Chinese Walnut, large .. .. .	.40	3.60
d	Sieboldiana , Japanese Walnut for understock and timber	.35	3.20
d	Sieboldiana cordiformis , Flat Walnut for understock and timber .. .. .	.35	3.20
MALUS (Crab) – see also page 22.			
d	prunifolia , Pearleaf Crab	3.50	31.50
PRUNUS – see also page 23–24.			
Almond (<i>Amygdalus</i>)			
d*	Davidiana , Chinese wild Peach (stock) Per 100 lbs. \$60.00	.70	6.50
d*	triflora , Japanese Almond Per 100 lbs. \$25.00	.30	2.70
Apricot (<i>Armeniaca</i>)			
d*	Mume , Japanese Plum .. .. .	.60	5.40
d*	Ansu , Japanese Apricot .. .. .	.40	3.50
d*	armeniaca mandshurica , Manchurian Apricot .. .. .	.80	7.00
PUNICA (Pomegranate)			
d	granatum , Japanese Edible Pomegranate	2.00	18.00

IMPORTANT

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If our customers are not satisfied with our seed, it must be returned to our Agents within 5 days it is delivered.

PYRUS (Pear) Order early.

		Per lb.	10 lbs.
d*	Calleryana	\$4.50	\$40.00
	<i>Many nurserymen found it an excellent understock for Pear. The seed is small, but grows easily and quickly.</i>		
d*	serotina , Wild Japanese Pear. See also Specialty page 2.	2.00	18.00
d*	ussuriensis (wild)	2.30	21.00
	<i>Also a blight resistant type. Its strong root system adds to its value as grafting understock.</i>		
d*	ussuriensis , Cultivated Chinese Stock.	2.40	22.00
	<i>See also Specialty page 2.</i>		

Unless specified, our seeds are always cleaned either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.

F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

RIBES – see page 24.

THEA

e **sinensis**, Tea Plant \$.35 \$ 3.20

ZANTHOXYLUM

d **piperitum** 1.00 9.00
The fruit is fragrant, pungent and used as a fragrant pepper.

ZIZYPHUS (Jujube)

d **jujuba**, Chinese Date or Common Jujube 1.30 11.50

Coniferous Seeds

ABIES (Fir) – see also *Picea* page 12.

	Per lb.	10 lbs.
firma , Momi Fir, grows rapidly	\$.75	\$ 6.80
holophylla , Needle Fir	1.60	15.00
homolepis (brachyphylla), Nikko Fir	1.00	9.00
<i>See also Specialty page 2.</i>		
Mariesi , Maries Fir	2.00	18.00
sachalinensis , Sakhalin Fir, perfectly hardy	2.50	22.50
Veitchi , Veitch Fir, highly ornamental	1.50	13.50
<i>See also Specialty page 3.</i>		

BIOTA – see *Thuja* page 13.

CEPHALOTAXUS (Plum Yew)

drupacea, Japanese Plum Yew50 4.50

CHAMAECYPARIS (*Thuja* or *Retinospora*)

obtusa, Hinoki Cypress. *See also Specialty page 3.* .. .70 6.50
obtusa var. breviramea, Dwarf Cypress 3.00 27.00
pisifera, Sawara *Retinospora* 1.00 9.00
In U. S. A. this is used more for ornamental purpose than timber.

CRYPTOMERIA (Cedar)

japonica, Common *Cryptomeria*70 6.30
One of the most useful timber in Japan. Also excellent for ornamental purpose.

CUNNINGHAMIA

lanceolata, (*sinensis*), Chinese Fir, hardy prickly, highly ornamental 2.10 19.00

GINKGO

d **biloba**, Maidenhair Tree. *See also Specialty page 3.* .. .35 3.00

JUNIPERUS (Juniper)

chinensis, Chinese Juniper (seed matures very late) .. 1.60 14.50
See also Specialty page 3.

	F. O. B. Seattle Duty and Fumigation Included Per lb. 10 lbs.	
JUNIPERUS (Cont'd.)		
chinensis Sargenti , Sargent Juniper	\$6.00	\$54.00
<i>Perfectly hardy and the foliage has a strikingly attractive bluish bloom.</i>		
rigida , Needle Juniper	1.50	13.50
conferta (litoralis), Shore Juniper, prickly creeping ..	4.00	36.00
japonica , Japanese Juniper, uncleaned	3.00	27.00
<i>A very hardy garden variety of J. chinensis and an effective ornamental.</i>		
procumbens , Hardy Chinese Creeping Juniper	2.70	23.50
LARIX (Larch) For large quantity, please write for current price.		
dahurica , Dahurian Larch	2.50	22.50
leptolepis , Japanese Larch. See also Specialty page 3. ..	3.00	27.00
PICEA (Spruce) — see also Abies page 11.		
Glehni , Sakhalin Spruce.. .. .	3.50	33.00
jezoensis , (ajacensis) Yeddo Spruce.. .. .	3.50	33.00
jezoensis hondoensis , Hondo Spruce	3.00	27.00
Koyamai , narrow pyramidal habit, hardy	5.00	—
<i>It is seldom to have the seed, but this year we expect a small crop. Order early.</i>		
polita , Tigertail Spruce	3.00	27.00
PINUS (Pine)		
densiflora , Japanese Red Pine . .. . .	.65	6.00
koraiensis , Korean Pine. See also Specialty page 3. ..	.60	5.40
massoniana , native of Formosa	3.00	27.00
parviflora (pentaphylla), Japanese Fiveleaf White Pine..	1.25	11.00
pumila , Creeping Pine	2.50	—
tabuliformis , Chinese Pine	1.25	11.00
Tanyosho , Japanese Table Pine, true seed. Per ¼ lb. \$4.50	12.00	—
<i>From Japan we are advised that the upright shoots must be pinched back if a true Table form is desired.</i>		
Thunbergii , Japanese Black Pine .. .. .	.65	6.00
PODOCARPUS		
macrophylla , Yew Podocarpus .. .. .	.55	5.00
Nagi , Japanese Podocarpus . .. . .	.85	8.00
PSEUDOLARIX (Golden Larch)		
d Kaempferi Per ¼ lb. \$1.35	4.50	—
SCIADOPITYS		
verticillata , Umbrella Pine. See also Specialty page 3. ..	1.85	16.00
TAXUS (Yew)		
cuspidata , Japanese Yew. See also Specialty page 3. ..	.75	7.00

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		F. O. B. Seattle Duty and Fumigation Included	
		Per lb.	10 lbs.
THUJA (Biota)			
orientalis , Oriental Arborvitae..	..	\$.75	\$ 7.00
orientalis compacta , Dwarf Oriental Arborvitae ..	..	2.25	—
<i>Our seeds which are collected only from the very best specimens, will produce a high percentage of trees true to type. It germinates quickly and is easy to grow.</i>			
Standishii , Standish Arborvitae ..	..	3.40	31.00
THUJOPSIS (Arborvitae)			
dolabrata , False Arborvitae ..	..	2.85	26.00
TORREYA			
nucifera , Japanese Torreya, large edible nuts ..	..	.40	3.60
TSUGA (Hemlock)			
diversifolia , Japanese Hemlock ..	..	2.85	26.00
Sieboldi , Siebold Hemlock ..	..	2.85	26.00

Miscellaneous Tree and Shrub Seeds

		Per lb.	10 lbs.
ACANTHOPANAX (Kalopanax)			
d ricinifolium , Castor Arabia ..	..	\$1.50	\$13.50
ACER (Maple)			
<i>Maple seeds supplied by T. Sakata & Co., are free of wings and of exceptionally high purity and germination.</i>			
d argutum ..	..	2.00	18.00
d berbinerve , Korean Maple ..	..	2.00	18.00
d carpinifolium , Hornbeam Maple ..	..	1.50	13.50
d crataegifolium ..	..	1.75	16.00
d diabolicum purpurascens , Red-Devil Maple ..	..	1.75	16.00
d distylum ..	..	1.75	16.00
d ginnala , Amur Maple ..	..	1.10	10.00
d japonicum , Fullmoon Maple ..	..	1.35	12.00
d micranthum ..	..	2.50	22.50
d nikoense , Nikko Maple ..	..	1.50	13.50
d palmatum , Japanese Maple, small-seeded type ..	..	1.20	10.50
<i>See also Specialty page 3.</i>			
d palmatum , Japanese Maple, large-seeded type ..	..	1.10	10.00
d palmatum atropurpureum , Bloodleaf Japanese Maple ..	..	6.00	54.00
<i>We warn our customers that Japanese Bloodleaf Maple produces an indefinite number of true types when grown from seed. The percentage of true colored trees from 50% to 80%. Comparison will show our seed, collected only from selected trees, to be best.</i>			
d palmatum atropurpureum dissectum , Threadleaf Red Maple. Seeds collected from true specimen trees.			
		Per ¼ lb. \$1.00	12.00

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

							F. O. R. Seattle Duty and Fumigation Included	
							Per lb.	10 lbs.
ACER (<i>Cont'd.</i>)								
d	parviflorum	..	..	..	..	..	\$2.00	\$18.00
d	pictum , Painted Maple	..	..	..	..	..	1.35	12.00
d	pseudo-Sieboldianum	..	..	..	..	..	1.20	11.00
d	rufinerve	..	..	..	..	..	2.00	18.00
d	spicatum , Mountain Maple	..	..	..	..	..	1.75	16.00
d	Tschonoskii	..	..	..	..	..	2.50	22.50
ACTINIDIA								
dc	arguta , Bower Actinidia	..	..	..	..	..	4.20	38.00
dc	kolomikta , Mountain Actinidia	..	..	..	..	Per oz. \$1.50	—	—
dc	polygama , Silvertine	..	..	..	..	..	4.50	40.00
AESCULUS (Horsechestnut)								
d	turbinata , Japanese Horsechestnut	..	..	..	..	..	.40	3.60
AILANTHUS								
d	glandulosa , Tree of Sharon, uncleaned seed.	..	..	..	..	..	1.20	11.00
AKEBIA								
dc	lobata , Three-leaf Akebia	..	..	..	..	..	1.50	13.50
dc	quinata , Five-leaf Akebia	..	..	..	..	..	1.30	11.50
ALBIZZIA								
d	julibrissin , Silktree	..	..	..	..	..	.60	5.40
ALEURITES – see page 9.								
ALNUS (Alder)								
d	firma	..	..	..	..	..	.70	6.30
d	fruticosa	..	..	..	..	..	.90	8.00
d	hirsuta sibirica	..	..	..	..	..	.70	6.30
d	japonica	..	..	..	..	..	.70	6.30
AMELANCHIER (Shadbush)								
d	asiatica	..	..	..	..	..	2.00	18.00
AMORPHA (False-Indigo)								
s	fruticosa (fragrans), Indigobush	..	..	..	..	..	.90	8.10
AMPELOPSIS								
dc	heterophylla , Porcelain Ampelopsis	..	..	..	..	..	1.90	17.00
dc	tricuspidata (Veitchi) Japanese Creeper	..	..	..	..	..	1.65	14.50
<i>See also Specialty page 4.</i>								
ANDROMEDA							Per pkt.	Per oz.
e	polifolia , Bog-Rosemary	..	..	..	..	..	\$1.00	\$ 3.00
<i>One of the most lovely alpine Andromedas of delicate pink bell-like flower. It grows up one foot in shapely bush form. Highly recommended.</i>								
e	japonica – see <i>Pieris japonica</i> page 23.							
ARALIA							Per lb.	10 lbs.
d	chinensis , Chinese Aralia	..	..	..	..	..	\$1.50	\$13.50
e	Sieboldii (<i>Fatsia japonica</i>)	2.10	18.50
d	spinosa , Devils-Walkingstick	1.50	13.50

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F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

ARDISIA

- e **crenulata**, (crispa) Coral Ardisia \$1.50 \$13.50
Often, because of the limited supply, we have had to disappoint customers ordering late in the season.
- e **japonica**, miniature type of foregoing 3.10 27.00

AUCUBA

- e **japonica** .. . 1.00 9.00

AZALEA - see also Rhododendron page 24.

All our Azalea seed is properly cleaned from the hull.
This insures you of a larger number of seeds per Dollar.
It is much easier to sow when cleaned.

- | | | Per oz. | Per 1/4 lb. |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------|
| d | dilatatum | \$3.00 | \$ 8.00 |
| | A tall growing deciduous Azalea of beautiful pink flower. | | |
| e | Hinodegiri | 3.50 | 10.00 |
| | Famous fiery red Azalea of great floriferous habit. | | |
| e | indicum (macranthum), Japanese Satsuki | 3.50 | — |
| e | japonica (ledifolium), Loochoo Azalea, hardy | 4.50 | — |
| | A well known hardy Azalea with pure white flowers. | | |
| e | Kaempferi , Torch Azalea | 1.50 | 4.00 |
| | A twiggy, much branched shrub from 3 to 10 ft. high, with unscented flower, varying in color from salmon to rich red. | | |
| d | Komiyamae (New) Per Pkt. \$1.00 | 10.00 | — |
| | Similar to A. Hinodegiri but color is light purple-pink and smaller in shape. | | |
| e | Kurume , mixed colors. See also Specialty page 4. | 5.35 | — |
| d | mollis , mixed colors. See also Specialty page 4. | .70 | 2.00 |
| d | mucronulatum , Korean Rhododendron | 1.50 | 4.00 |
| d | poukhanense | 1.50 | 4.00 |
| d | quinquefolia , Cork Azalea | | |
| | alba , white flowering | 5.00 | — |
| | rosea , soft pink flowering | 4.00 | 10.00 |
| | One of the most beautiful hardy deciduous Azaleas from Japan. The flowers are purest pink and appear before the leaves. The trees grow to 15 feet and more. It is easy to germinate the seed and careful nursing of the seedlings yields an abundance of these valuable plants. | | |
| d | Schlippenbachii , Royal Azalea. See also Specialty page 4. | 1.50 | 4.00 |
| d | Tschonoskii - see Rhododendron page 24. | | |

							F. O. B. Seattle Duty and Fumigation Included Per lb. 10 lbs.	
BENZOIN								
d	obtusilobum , Japanese Spicebush, uncleaned seed	..	..	..	..	..	\$1.10	\$10.00
d	praecox , uncleaned seed	..	..	..	..	..	1.00	9.00
d	tribolum , uncleaned seed	..	..	..	..	..	1.50	13.50
BERBERIS (Barberry)								
d	nepalensis	..	..	..	..	..	2.50	22.50
d	Sieboldii	..	..	..	..	..	1.35	12.00
d	Thunbergii , Japanese Barberry. Order early. <i>See also Specialty page 4.</i>	..	..	..	..	..	1.35	12.00
BETULA (Birch)								
d	alba , White Birch, recleaned	..	..	..	..	..	1.00	9.00
d	dahurica , recleaned	..	..	..	..	..	3.50	30.00
d	Ermanii , recleaned	..	..	..	..	..	2.50	22.50
d	Schmidtii , recleaned	..	..	..	..	..	3.50	30.00
BISCHOFIA								
e	javanica	..	..	..	..	..	2.50	22.50
BUDDLEIA (Butterflybush)								
d	japonica , hardy, sky-blue flowering	..	Per ¼ lb.	\$2.50	7.50	—		
BUXUS (Box)								
e*	microphylla koreana , Hardy Korean Box	..	..	..	..	..	2.35	20.00
	<i>On arrival, store them in shady and cool place. Before severe winter sets in, stratify the seeds with soil in the box burying them into the ground (thin layer may be better otherwise they sometimes germinate in the box). In March-April, take the seeds out of the box and sow them in the beds.</i>							
CALLICARPA (Beautyberry)								
d	japonica , Japanese Beautyberry	..	..	..	..	..	3.00	27.00
CAMELLIA								
e	japonica , Japanese Camellia	..	..	..	..	..	.50	4.50
e	japonica , winter flowering mixed colors, collected from garden varieties..	..	..	..	..	..	1.00	9.00
e	japonica Double-fl. mixed colors	..	..	..	..	..	1.50	13.50
	<i>See also Specialty page 4.</i>							
e	reticulata , Korean Camellia	..	..	..	..	..	1.50	—
e	sasanqua , Sasanqua Tea	..	..	..	..	..	.65	6.00
	<i>Seeds collected from garden varieties containing many different colors.</i>							
e	theifera - see <i>Thea sinensis</i> page 11.							
CARAGANA (Pea-Shrub)								
d*	chamlagu , Mongolian Pea-Shrub	2.00	18.00
d*	microphylla , Little-leaf Pea-Shrub	2.50	22.50

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										F. O. B. Seattle	
										Duty and Fumigation Included	
										Per lb.	10 lbs.
CARPINUS (Hornbeam)											
d	japonica	..	..	..	..	.	..	..	..	\$1.50	\$13.50
d	laxflora	..	..	..	..	.	..	..	..	1.50	13.50
d	Tschonoski (yedoensis)	..	..	..	..	..	..	..	..	1.00	9.00
CATALPA											
d	Kaempferi, Japanese Catalpa	..	..	..	..	..	..	..	..	1.25	11.00
CELASTRUS (Bittersweet)											
de	orbiculatus (articulatus), Oriental Bittersweet	..	..	..	..	..	..	..	..	1.25	11.00
CELTIS (Hackberry)											
d	sinensis, Chinese Hackberry	..	..	..	..	.	..	..	..	.80	7.20
CERCIDIPHYLLUM											
d	japonicum, Katsura-tree	..	..	..	..	..	..	..	..	3.75	34.00
<i>"Rehder" considers this one of the best introductions from Japan. An ornamental tree of dense pyramidal habit.</i>											
CERCIS (Redbud)											
d	chinensis, Chinese Redbud. See also Specialty page 4.	..	..	..	..	..	..	..	..	2.25	20.00
CHLORANTHUS											
e	glaber, scarlet-red	..	..	..	..	Per ¼ lb.	\$2.50	7.00	—		
e	„ golden-yellow	..	..	..	..	Per ¼ lb.	\$3.50	10.00	—		
CINNAMOMUM – see page 9.											
CLADRASTIS (Yellow-wood)											
d	platycarpa	..	..	..	..	.	..	..	..	2.00	18.00
CLEMATIS											
dc	floribunda, large-flowered garden varieties mixture					Per oz.	\$1.50	15.00	—		
dc	fusca mandshurica	..	..	.	..	..	..	6.00	—		
dc	mandshurica, Korean Clematis, large flower	Per oz.	\$2 00	—	—						
dc	heracleifolia, Tube Clematis	..	..	..	..	..	..	2.00	18.00		
dc	instricta	..	..	..	..	..	..	6.00	—		
dc	koreana	..	..	..	..	..	..	4.00	—		
dc	paniculata, Sweet Autumn Clematis..	..	..	..	..	..	..	1.95	16.50		
<i>See also Specialty page 4.</i>											
dc	Pierotii	..	..	..	..	..	..	4.50	—		
dc	trifoliata	..	..	..	..	..	..	1.75	15.50		
CLERODENDRON (Glorybower)											
d	trichotomum, Harlequin Glorybower..	1.15	10.00		
CLETHRA											
d	barbinervis, Tree Clethra	1.75	16.00		

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							F. O. B. Seattle Duty and Fumigation Included	
							Per lb.	10 lbs.
CORNUS (Dogwood)								
d	brachypoda	(macrophylla)	\$1.15	\$10.00
d	controversa	..	..	..	..	..	1.15	10.00
d	kousa ,	Kousa Dogwood.	See also Specialty page 4.				.80	7.20

CORYLUS (Hazelnut, Filbert)								
d	heterophylla	..	..	..	..	..	1 80	16.50
d	mandshurica	..	..	..	..	..	1.80	16.50
d	rostrata ,	Beaked Hazelnut	..	..	..	..	1 30	11.50

CRATAEGUS – see Fruit page 9.

CYDONIA (Quince)								
d	japonica pygmaea ,	Dwarf Flowering Quince	..	..	..	..	.70	6.30
See also Specialty page 5.								

DAPHNIPHYLLUM								
e	macropodum	..	..	..	..	..	1.00	9.00

DESMODIUM – see Lespedeza page 21.

DEUTZIA								
d	scabra ,	Fuzzy Deutzia	..	..	..	..	2.00	18.00

DIERVILLA – see Weigela page 27.

DISANTHUS								
d	ceridifolius	..	..	..	..	..	3.00	27.00

EDGEWORTHIA								
d*	papyrifera	..	..	..	..	..	1.50	—

ELAEAGNUS								
e	umbellata ,	Autumn Eleaegnus	..	..	..	..	1.30	12.00
Flowers are silvery grey and yellowish white inside and unusually profuse. Fruits are equally attractive.								

ENKIANTHUS							Per ¼ lb.	Per lb.
d	campanulatus ,	Redvein Enkianthus	..	..	..	..	\$1.50	\$ 4.50
<i>Its clustered blossoms hang beneath tufts of deep green leaves. Flowers vary from reddish-crimson and salmon shades to clear cream.</i>								
d	cernuus rubens	..	..	..	..	..	1.00	3.00
<i>Red flowering variety of E. campanulatus. Hardy and highly ornamental. Easy to grow from seed.</i>								
d	japonicus ,	white flower..	..	..	..	..	1.00	3.00

EUONYMUS							Per lb.	10 lbs.
d	alatus ,	Winged Euonymus.	See also Specialty page 5.				\$.75	\$ 7.00
d	europaeus ,	European Burningbush50	4.50
e	japonicus ,	Evergreen Burningbush75	7.00

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								F. O. B. Seattle Duty and Fumigation Included	
								Per lb.	10 lbs.
EUONYMUS (Cont'd)									
d	Maackii , Korean Burningbush	\$2.00	\$18.00
d	oxyphylla	..	..	..	..	..	..	1.70	15.00
ec	radicans , Wintercreeper	..	..	..	..	..	..	1.25	11.00
d	sachalinensis	..	..	..	..	..	..	2.50	22.50
EUPTELEA									
d	polyandra , showy white fl. shrub	..	..	..	..	..	..	2.50	22.50
EURYA									
e	japonica	..	..	..	..	..	..	2.80	25.00
EXOCHORDA (Pearlbush)									
d	serratifolia	..	..	..	..	..	..	6.00	54.00
FAGUS (Beech)									
d	Sieboldii , Japanese Beech	..	..	..	..	..	..	1.50	13.50
FRAXINUS (Ash)									
d	longicuspis	..	..	..	..	..	..	1.50	13.50
d	mandshurica , Manchurian Ash	..	..	..	..	..	..	1.25	11.00
d	pubinervis	..	..	..	..	..	..	1.50	13.50
d	rynchophylla , Korean Ash	..	..	..	..	..	..	2.00	18.00
GARDENIA									
e	florida , Cape-Jasmine	..	..	..	..	..	..	2.25	20.00
GLEDITSIA (Honeylocust)									
d	japonica , Japanese Honeylocust	..	..	..	..	..	..	1.10	10.00
d	koraiensis , Korean Honeylocust	..	..	..	..	..	..	1.80	16.00
HAMAMELIS (Witch-hazel)									
d	japonica , Japanese Witch-hazel	..	..	..	..	..	..	3.00	27.00
<i>This Japanese species is similar to H. virginiana but grows even larger. The flowers appear early in March and are larger and more abundant than common Witch-hazel. In this type the petals are clear yellow and the cupped sepals are usually purple on the inside.</i>									
HIBISCUS (Rosemallow)									
<i>The seed offered is collected only from garden varieties. It is thoroughly cleaned.</i>									
d	mutabilis , Cotton Rosemallow	..	..	..	..	..	..	1.80	16.00
d	syriacus , Shrub-Althea	..	..	..	..	..	..	.60	5.40
HOVENIA									
d	dulcis , Raisin Tree	..	..	..	..	..	..	1.35	12.00
HYDRANGEA									
s	macrophylla var. Azisai , Large-leaved Hydrangea							Per oz. \$2.00	—
d	opuloides acuminata	2.50	22.50

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							F. O. B. Seattle Duty and Fumigation Included	
							Per lb.	10 lbs.
HYDRANGEA (Cont'd.)								
d	paniculata , Panicle Hydrangea	\$2.00	\$18.00
dc	petiolaris scandens , Climbing Hydrangea	..	..	..	..	..	3.00	27.00
d	serrata (cuspidata)	..	..	..	..	..	3.50	31.50
IDESIA								
d	polycarpa	..	..	..	..	..	2.50	22.50
<i>An ornamental tree which commands great attention. Bark is greyish white. The fragrant yellowish flowers appear in pendulous panicles and are followed in fall by large red berries.</i>								
ILEX (Holly)								
e	cornuta	..	..	..	..	..	3.00	27.00
e	crenata , Japanese Holly. See also Specialty page 5.	..	..	..	..	..	.90	8.00
d	dubia macropoda	..	..	..	..	..	2.00	18.00
e	fujisanensis	..	..	..	..	..	7.50	70.00
<i>Resembles I. pedunculosa but bears a greater profusion of red berries.</i>								
e	integra , tall growing	..	..	..	..	..	.70	6.30
e	latifolia	..	..	..	..	..	2.00	18.00
<i>This effective ornamental tree has heavy leaves resembling Cherry Laurel.</i>								
e	pedunculosa , Longstalk Holly	..	..	..	..	..	2.00	18.00
<i>A beautiful evergreen Holly with heavy shiny foliage and longstalked red berries. One of the hardiest types of evergreen Holly.</i>								
e	rotunda	..	..	..	..	..	2.50	22.50
d	serrata (Sieboldii)	..	..	..	..	..	2.00	18.00
<i>Its beautiful red berries persist in great profusion during the winter months. A very popular garden tree in Japan on account of the high color of the berries.</i>								
ILLICIUM (Anisetree)								
e	anisatum , Japanese Anisetree	..	..	..	..	..	1.30	12.00
INDIGOFERA (Indigo)								
s	Kirilowii , Kirilowi Indigo, hardy Wisteria-like flower	..	..	..	..	..	2.60	24.00
KADSURA								
dc	japonica , Scarlet Kadsura	..	..	..	..	..	5.00	45.00
KERRIA								
d*	japonica	..	..	..	..	..	1.50	13.50
<i>Grows very readily from seed. A dignified pleasing shrub for specimen and group work.</i>								
KUDZU VINE —see Specialty page 6.								
LAGERSTROEMIA (Crapemyrtle)								
d	indica , Common Crapemyrtle							
	pink flowering	2.25	20.00
	white flowering	3.50	—

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		F. O. B. Seattle Duty and Fumigation Included Per lb. 10 lbs.	
LESPEDEZA			
s	bicolor	\$.60 \$ 5.50
s	Buergeri, Shrub Bushclover	.. .. .	1.25 10.00
s	cyrtobotrya, Ring-leaved Lespedeza	.. .. .	.80 7.20
s	formosa (D. japonicum) Purple Bushclover	.. .. .	.60 5.50
s	formosa albiflora (D. japonicum album), White-flowering Bushclover	.. .. .	1.25 10.00
s	sericea, good for pasturage	.. .. .	.70 6.00
p	stipulacea, Harbin Lespedeza, good for pasturage	.. .. .	.70 6.00
p	striata, Manchurian Lespedeza, good for pasturage	.. .. .	.70 6.00
LEUCOTHOE			
d	grayana	.. .. .	7.50 —
e	Keiskei	.. .. . Per oz. \$3 00; Per ¼ lb. \$9.00 An evergreen shrub with large glossy foliage. Produces numbers of small pure white bell shaped flowers.	— —
LIGUSTRUM (Privet)			
d	ibota	.. .. .	.80 7.20
e	japonicum, Japanese Privet	.. .. .	1.10 10.00
LILAC — see Syringa page 26.			
LITSEA			
e	glauca	.. .. .	.80 7.20
LONICERA (Honeysuckle)			
ec	japonica, Japanese Honeysuckle	.. .. .	4.50 40.00
d	Maacki, Amur Honeysuckle	.. .. .	4.00 36.00
d	vesicaria	.. .. .	4.00 36.00
LYCIUM			
d	chinense, Chinese Matrimony-Vine, uncleaned seed	.. .. .	2.50 22.50
MAACKIA			
d	amurensis, Amur Maackia	.. .. .	2.50 22.50
MACHILUS			
e	Thunbergii	.. .. .	2.50 22.50
MAGNOLIA			
d*	conspicua (Yulan). See also Specialty page 5.	.. .. .	2.60 24.00
d*	hypoleuca, Silver Magnolia	.. .. .	1.30 12.00
d*	kobus, Japanese Magnolia. See also Specialty page 5.	.. .. .	1.30 12.00
d*	liliflora. See also Specialty page 5.	.. .. .	2.60 24.00
d*	parviflora, Oxyana Magnolia	.. .. .	2.30 21.00
d*	salicifolia, Anise Magnolia	2.60 —
d*	stellata, Star Magnolia	2.60 —
MALLOTUS			
d	japonicus	1.50 13.50

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						F. O. B. Seattle Duty and Fumigation Included	
						Per lb.	10 lbs.
MALUS (Pyrus) — see also Fruit page 10.							
d	baccata sibirica , Siberian Crabapple..	..	..	..	..	\$2.80	\$25.50
d	baccata mandshurica , Manchurian Crabapple	..	..	..	..	3.00	27.00
d	Sieboldii , (Pyrus Sieboldii)	..	..	..	..	3.00	27.00
d	Zumi , Zumi Crabapple	..	..	..	..	3.50	31.50
MELIA							
d*	azedarach (japonica), Chinaberry	..	..	..	..	.55	5.00
MELIOSMA							
d	myriantha	..	..	..	..	2.00	18.00
MENZIESIA							
						Per oz.	
s	ciliicalyx var. bicolor	..	..	..	Per ¼ oz.	\$2.25	\$7.50
<i>One of the most showy alpine shrubs with foliage like Azalea. It bears lovely bell-like flower with beautiful red shade.</i>							
s	ciliicalyx var. multiflora	..	..	..	Per ¼ oz.	\$2.25	7.50
<i>Another beautiful shrub closely allied to the preceding.</i>							
MICHELIA							
						Per lb.	10 lbs.
e	compressa	..	..	..	..	\$1.50	\$13.50
MICROMELES							
d	alnifolia	..	..	..	..	3.00	27.00
NANDINA							
e	domestica red. See also Specialty page 5.	..	..	..	..	1.00	9.00
e	domestica white , white berried spot..	..	..	..	..	2.50	22.50
PAEONIA (Peony)							
d*	chinensis — see Specialty page 8.						
d*	obovata — see page 35.						
d*	suffruticosa (Moutan), Double Tree Peony, mxd.	..	..	..	..	7.00	60.00
<i>See also Specialty page 8.</i>							
PAULOWNIA							
d	tomentosa (imperialis), Royal Paulownia	..	..	..	..	1.50	13.50
PHELLODENDRON (Corktree)							
d	amurense , Chinese Corktree	..	..	..	..	1.50	13.50
PHILADELPHUS (Mockorange)							
d	satsumanus , Satsumi Mockorange	..	..	..	..	2.00	18.00
PHOTINIA							
e	glabra	..	..	..	..	1.50	13.50
<i>An evergreen shrub with attractive dense purple red foliage. Extensively used for hedge work in the Orient. They have the color shown in Broadleaf Maple.</i>							

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F. O. B. Seattle
Duty and Fumigation Included
Per lb. 10 lbs.

PHOTINIA (Cont'd)

d	villosa	\$1.40	\$12 50
	<i>A very handsome shrub in flower, as well as in foliage particularly in fall when covered with its brilliant red, long retained berries which are not eaten by birds. The leaves also color brilliant red under favorable condition. Like Cotoneaster and Exochorda, it demands good drainage for best development, especially for good fall coloring.</i>		

PHYLLODOCE

R*	coerulea (taxifolia)	Per oz. \$3.50	—	—
	<i>This is good for Rock Garden.</i>			

PIERIS (Andromeda) — see also page 14.

e	japonica , Japanese Andromeda	3.80	35.00
	<i>Hardy evergreen shrub, with clusters of Lily-of-the-Valley like flowers. Its lustrous foliage is highly ornamental.</i>		
s	nana Per oz.	\$3.00	— —

PITTOSPORUM

e	tobira	1.00	9.00
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Japaense Flowering Cherries

PRUNUS (Cherry) — see also Fruit page 10.		Per lb.	10 lbs.
d*	Grayana	\$1.75	\$16.00
d*	incisa , Mame Cherry (Mame-Zakura)	1.75	16.00
	<i>See also Specialty page 5.</i>		
d*	japonica	1.50	13.50
	<i>A dwarf spreading shrub with beautiful, soft rose pink, flowers.</i>		
d*	lannesiana , Hitoye Cherry (Oshima Cherry)	1.00	9.00
	<i>See also Specialty page 5.</i>		
d*	Maacki , Amur Cherry (Booked up)	2.50	22.50
d*	Maximowiczii (Miyama-Cherry)	1.75	16.00
d*	padus (Cerasus padus), European Bird Cherry .. .. .	.75	7.00
d*	serrulata , Oriental Cherry. <i>See also Specialty page 6.</i>	1.00	9.00
d*	serrulata sachalinensis , Ezo-Yama Cherry	1.75	16.00
	<i>See also Specialty page 6.</i>		
d*	subhirtella , Higan Cherry. <i>See also Specialty page 6.</i>	2.00	18.00
d*	subhirtella pendula , Shidare-Higan Weeping Cherry	2.50	—
	<i>The popular Japanese Weeping Cherry. As our seeds are collected from only the best specimens, they will produce a good percentage of true types.</i>		
d*	tomentosa , Nanking Cherry	1.40	13.00
	<i>Hardy Oriental shrub with multitudes of thin, whip-like stems. Flowers white tinged with pink appear late in April. Fruit rich scarlet and edible.</i>		

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

		F. O. B. Seattle Duty and Fumigation Included	
		Per lb.	10 lbs.
PRUNUS (Cont'd.)			
c*	triloba , flowering Plum. <i>See also Specialty page 6.</i>	.. \$1.20	\$11.00
c*	yedoensis (Yedo Cherry). <i>See also Specialty page 6.</i>	.. 1.75	16.00
PTEROCARYA (Wingnut)			
d	rhoifolia , Japanese Wingnut	1.00	9.00
PTEROSTYRAX (Epaulette-Tree)			
d	corymbosum , Little Epaulette-Tree	1.50	13.50
PUERARIA (For large quantity, price on application)			
dc	Thunbergiana , Kudzu Bean. <i>See also Specialty page 6.</i>	.. 1.45	13.00
RAPHIOLEPIS			
d	umbellata (japonica), Yeddo Hawthorn	1.30	11.50
RHAMNUS (Buckthorn)			
s	davurica , Dahurian Buckthorn <i>See also Specialty page 6.</i>	3.00	27.00

RHODODENDRON—see also Azalea page 15.

All our Rhododendron seeds are properly cleaned. You will find them of splendid germination and easy to handle.

		Per oz.	Per ¼ lb.
e	brachycarpum , hardy white flowering	\$2.00	\$ 4.50
e	Keiskeii Per ¼ oz.	\$1.50	5.00
d	Komiyamae —see Azalea page 15.		
e	Metternichii , Leatherleaf Rhododendron, pink	1.50	4.00
d	Tschonoskii Per ¼ oz.	\$1.50	5.00

Another interesting deciduous Azalea with tiny pure white flower in great profusion. Highly ornamental.

		Per lb.	10 lbs.
d	RHODOTYPOS (Jetbead)		
d	kerrioides , Jetbead. <i>See also Specialty page 6.</i>	.. \$1.25	\$11.00

RHUS (Sumac)			
d	javanica , Java Sumac .. .. .	.80	7.20
d	succedanea .. .. .	.80	7.20
d	toxicodendron	2.00	18.00
d	trichocarpa	1.50	13.50
d	vernifera , Lacquer Tree .. .. .	.80	7.20

RIBES (Currant)			
d*	fasciculatum , Winterberry Currant.. .. .	3.50	31.50

ROBINIA (Locust)			
d	pseudoacacia , Common Locust .. .. .	.35	3.15
<i>A really important rapid growing tree. It is of pleasing outline and produces valuable lumber.</i>			

Unless specified, our seeds are always cleaned either out of hulls or berries. Such seeds are far economical for the nurserymen than uncleaned seeds.

		F. O. B. Seattle	
		Drty and Fumigation	Included
		Per lb.	10 lbs.
ROSA			
d	davurica, Dahurian Rose	\$1.50	\$13.50
	Hardy Rugosa-like Rose with large purple-pink flowers and of sturdy growth.		
d	fujisanensis, native of Mt. Fuji	1.50	13.50
d	Maximowicziana.. .. .	3.00	27.00
d	microphylla var. hirtula	2.00	18.00
d	multiflora, Japanese Rose. See also Specialty page 7. ..	.45	4.00
d	multiflora Thornless. See also Specialty page 7. ..	1.00	9.00
d	rugosa. See also Specialty page 7. .. .. .	.55	5.00
dc	Wichuraiana, Memorial Rose. See also Specialty page 7. ..	.55	5.00
SAMBUCUS (Elder)			
d	latipina, hardy Korean Sambucus	1.50	13.50
d	racemosus, European Red Elder, red	1.50	13.50
SAPINDUS (Soapberry)			
d	Mukurossi, Chinese Soapberry .. .. .	.80	7.20
SCHIZOPHRAGMA			
dc	hydrangeoides, Japanese Hydrangea Vine	3.50	31.50
	A hardy climbing Hydrangea, valuable for both foliage and flower. Easy to start from seed.		
SKIMMIA			
e	japonica, beautiful red berries	2.30	20.00
SMILAX (Greenbrier)			
dc	china.. .. .	1.50	13.50
SOPHORA			
d	japonica, Chinese Scholartree	1.00	9.00
SORBARIA (False-Spirea)			
d	stellipila, Starry False-Spirea	3.00	27.00
SPIRAEA			
s	japonica, Japanese Spirea	3.50	30.00
d	prunifolia, Bridalwreath	2.00	18.00
STACHYURUS			
d*	praecox	1.75	16.00
STAPHYLEA (Bladdernut)			
d	bumalda, Bumalda Bladdernut	1.50	13.50
STAUNTONIA			
ec	hexaphylla Per ¼ lb.	\$2.00	6.00
	An evergreen six-leaved climber which looks like Akebia, but is heavier. Suitable for mild climate.		

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

								F. O. B. Seattle	
								Duty and Fumigation Included	
								Per lb.	10 lbs.
STERCULIA									
d	platanifolia , Chinese Parasoltree	..	..	..	..	..	..	\$1.00	\$ 9.00
STEWARTIA									
d	monadelpha	..	..	..	..	..	..	3.00	27.00
d	pseudocamellia , Japanese Stewartia	..	..	..	..	..	..	2.80	26.00
<i>Has white Camellia-like flowers, each from 2 to 3 inches in diameter and a prominent mass of yellow stamens. Flowers in July.</i>									
d	serrata	..	..	..	..	..	..	3.00	27.00
STYRAX (Snowbell)									
d*	japonica , Japanese Snowbell	..	..	..	..	..	..	.75	7.00
<i>See also Specialty page 7.</i>									
d*	obassia , Fragrant Snowbell	..	..	..	..	..	..	1.25	11.00
<i>Its foliage is much larger than Styrax japonica and flowers fragrant white.</i>									
SYMPLOCOS (Sweetleaf)									
d	paniculata (crataegoides), Asiatic Sweetleaf	..	..	..	..	..	..	1.85	16.50
SYRINGA (Lilac)									
d	amurensis , Manchurian Lilac	..	..	..	..	..	..	4.50	40.00
d	dilatata , Broadleaf Korean Lilac, perfectly hardy	..	..	..	..	..	..	5.00	45.00
d	japonica , Japanese Tree Lilac, perfectly hardy	..	..	..	..	..	..	5.30	48.00
d	Palibiniana , Korean Lilic, perfectly hardy	..	..	..	..	..	..	5.00	45.00
TAONABO									
e	japonica (Ternstroemia japonica)	..	..	..	..	..	..	1.80	16.50
<i>A beautiful evergreen shrub with glossy foliage which is highly ornamental.</i>									
THEA sinensis —see page 11.									
TILIA (Linden)									
d	amurensis , Amur Linden	..	..	..	..	..	..	2.00	18.00
d	japonica , Japanese Linden	..	..	..	..	..	..	1.00	9.00
d	mandshurica , Manchurian Linden	..	..	..	..	..	..	2.00	18.00
TRIPETALEIA									
s	paniculata	..	..	..	..	..	Per oz.	\$1.50	—
TROCHODENDRON									
d	aralioides	..	..	..	..	..	..	3.00	27.00
ULMUS (Elm)									
d*	pumila , Dwarf Asiatic Elm	..	..	..	..	..	Prices on request.		
d*	parviflora	..	..	..	..	..	..	1.50	13.50

Unless specified, our seeds are always cleaned either out of hulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.

						F. O. B. Seattle	
						Duty and Fumigation	Included
						Per lb.	10 lbs.
VACCINIUM (Blueberry)							
d*	hirsutum , Hairy Blueberry	..	..	Per ¼ lb.	\$3.00	\$10.00	\$ —
d*	praestans	..	..	„ „	2.50	9.00	—
ales*	vitis-Idaea , Cowberry	..	..	„ oz.	4.50	—	—

VIBURNUM

d*	Carlesii . See also Specialty page 7.	..	..	..	..	2.80	26.00
d	dilatatum , Linden Viburnum	..	..	..	..	1.00	9.00
<i>A sturdy shrub with ascending spreading branches forming a compact, flat-spotted bush from 6 to 9 feet tall and more in width. The branchlets are stout and terminate in 4 to 5 inches broad, flattened clusters of about brilliant red fruits. The fruits are small abundantly produced and crown the whole bush in vivid color.</i>							
d*	furcatum , Forked Viburnum	..	..	..	..	1.70	15.00
e*	odoratissimum , Sweet Viburnum	..	..	..	..	1.20	11.00
<i>A semi-hardy evergreen Viburnum with very heavy glossy foliage. It bears coral-red berries in clusters. In Japan it is called Coral Tree.</i>							
d	Sargentii , Sargent Cranberrybush	..	..	..	..	1.70	15.00
d	Sieboldii , Siebold Viburnum	..	..	..	..	.95	8.50
d	tomentosum , Doublefile Viburnum	..	..	..	..	2.00	18.00
<i>A large shrub, sometimes 15 feet tall, with stiff, wide spreading tiered branches. Flower-clusters, 3 to 5 inches across, terminate in short lateral branches and are produced along the entire length of the shoots. They are born on erect stout peduncles and have a conspicuous outer whorl of large, white, neuter flowers.</i>							
d	Wrightii	..	..	..	..	2.00	18.00
<i>Its moderately stout stems are ascending and spreading, forming a loose, roundish bush, some 5 feet tall and from 6 to 8 feet wide. The leaves are short stalked, broadly ovate, often roundish, and assume dark wine-purple tints before they fall. The fruit is globose, lustrous scarlet, densely crowded in short stalked flattened corymbs each 3 to 6 inches in diameter.</i>							

VITEX

s	trifolia var. ovata , Three-leaved Chastetree.	Per oz.	\$2.00	—	—
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VITIS (Grape)

dc	amurensis , Amur Grape	1.75	16.00
dc	Coignetiae , (V. Kaempferi) Gloryvine80	7.20

WEIGELA (Diervilla)

d	decora , beautiful	..	..	..	..	3.00	27.00
d	grandiflora , beautiful	..	..	..	..	3.00	27.00
d	japonica , Japanese Weigela	..	..	..	..	2.50	22.50

WISTERIA

dc	multijuga , blue	..	..	..	..	2.00	18.00
<i>Very long spiked Wisteria. We supply from true garden specimens.</i>							

		F. O. B. Seattle Duty and Fumigation Included	
		Per lb.	10 lbs.
WISTERIA (Cont'd.)			
dc	multijuga, white	\$3.00	\$27.00
<i>We also supply carefully collected seeds from true garden plants.</i>			
dc	sinensis, blue , Common Chinese Wisteria	1.00	9.00
<i>See also Specialty page 7.</i>			
dc	sinensis, white	2.60	23.00
<i>See also Specialty page 7.</i>			
ZELKOWA			
d	serrata (acuminata), Sawleaf Zelkova, uncleaned ..	1.00	9.00

Palm Seeds

CYCAS

revoluta , Sago Palm	Per 100 seeds \$ 2.00		
	1,000 „ 18.00	—	—

PANDANUS (Screwpine)

boninensis	Per 100 seeds \$ 3.50	—	—
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PHOENIX (Date Palm)

reclinata , Senegal Date Palm ..	Per 100 seeds \$.35	—	—
	1,000 „ 3.15		
	10,000 „ 30.00	—	—
Roebelinii , Robelian Palm .	100 „ .30	—	—
	1,000 „ 2.50	—	—
	10,000 „ 20.00	—	—

TRACHYCARPUS (Chamaerops)

excelsa , Windmill Palm .. .. .	.60	5.40
Fortunei , Fortune Palm.. .. .	1.50	13.50

Seed of Bulbous Plants

*IRIS

	Per oz.	Per ¼ lb.
dichotoma , Vasper Iris	\$.50	\$ 1.50
ensata , Russian Iris . .. .	.50	1.50
gracilipes , Slender Iris	Per ¼ oz. \$.90	3.00
Kaempferi , collected from cultivated plants .. .. .	.40	1.00
<i>See also Specialty page 8.</i>		
laevigata , Rabbit's Ear Iris .. .. .	.50	1.50
laevigata semperflorens , Everblooming Laevigata .	.80	2.00
sibirica orientalis . .. .	.40	1.00

*Unless specified, our seeds are always cleaned either out of nulls or berries.
Such seeds are far economical for the nurserymen than uncleaned seeds.*

*LILIUM (Lily)	Per oz.	Per ¼ lb.
amabile	\$1.40	\$ 3.50
auratum , Goldband Lily .. .. .	.80	2.00
auratum platyphyllum (macranthum)	1.00	2.50
cernuum	1.50	3.80
concolor , Morningstar Lily	1.50	3.80
cordifolium	1.00	2 50
distichum , Korean Wheel Lily	2.00	5.00
elegans	2.00	5.00
Henryi , The Orange Speciosum	2.00	5.00
japonicum , Pink Japanese Lily	1.50	3.80
longiflorum formosum	3.00	—
longiflorum giganteum.. .. .(Booked up)	3.50	—
Maximowiczii —see <i>L. venustum</i> Fujihirato		
medeoloides , Wheel Lily	1.50	3.80
philippinense formosanum , flowers from seed within 6 months	1.00	2.50
philippinense formosanum Pure White , about 70% true	2.00	5.00
<i>See also Specialty page 8.</i>		
rubellum , Rabellum Lily	2.00	5.00
speciosum magnificum , Speciosum Lily	2.00	5.00
tenuifolium , Coral Lily .. .. .	.80	2.00
venustum Fujihirato (Maximowiczii)	1.50	3.80

Seed of Perennials, Alpine Plants, Etc.

(Special early order is requested for wild plant seeds.)

(We supply the wild plant seeds either in Cleaned)

(or in Uncleaned Seeds according to the variety.)

	Trial pkt.	Per oz.
ACHILLEA		
p sibirica , Siberian Yellow	\$.50	\$ 1.50
ACONITUM (Monks Hood)		
p Fischeri , deep blue .. .. .	.50	1.20
p lycoctonum , pale yellow .. .. .	.50	1.50
ADENOPHORA (Ladybell)		
p.al remotiflora.. .. .	.50	4.00
p verticillata .. .. .	.50	4.00
AGROSTEMMA		
p coronaria rosea	—	.25
ANCHUSA		
p italica Dropmore	—	.30

*Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.*

								Trial plt.	Per oz.
*ANEMONE									
p.al	cernua	..	..	..	..	..	..	\$ .50	\$ 1.00
p	nikoensis	..	.	..	..	..	..	1.00	—
p	St. Bridged	..	..	..	.	..	..	.50	1.00
ANEMONOPSIS									
p.al	macrophylla	..	..	..	..	..	..	.50	3.00
<i>About 2 feet high with good sized flowers which look like Anemone japonica.</i>									
*AQUILEGIA (Columbine)									
p.al	akitensis	..	..	..	..	..	..	.50	5.00
<i>A miniature Aquilegia of alpine nature. About 5 inches tall with beautiful blue flower. Highly recommended on account of its delicacy.</i>									
p	Buergeriana , Mountain Aquilegia	..	..	..	..	..	..	.50	2.00
p	flabellata , native of Japan	..	..	..	..	..	..	.50	1.00
p	oxysepala , Early-flowering Columbine	.	..	..	..	..	..	.50	2.00
*ARABIS (Rockcress)									
p.al	serrata	..	..	..	..	..	..	.50	2.00
ARTEMISIA									
p	Schmidtiana	..	..	..	..	..	..	.50	2.00
*ASCLEPIAS									
a	curassavica	..	..	..	..	..	..	—	.50
p	tuberosa , Butterflyweed	..	..	..	..	..	..	.50	2.50
*ASTER									
p	fastigiatus	..	..	..	..	..	..	.50	2.00
p	tataricus	..	..	..	..	..	..	.50	1.00
p	trinervius congestus	..	..	..	..	..	..	.50	2.50
ASTILBE									
p	japonica , Japanese Astilbe	..	..	..	..	..	..	.50	2.00
p	Thunbergii	..	.	..	..	..	..	.50	2.00
BEGONIA									
p	Evansiana	..	..	..	..	..	..	1.00	10.00
BELAMCANDA (Paradanthus)									
p	chinensis , Blackberry Lily	..	..	..	..	..	..	.50	1.50
p	chinensis compacta , Dwarf Blackberry Lily	..	..	..	..	..	..	.50	2.50
BELLIS PERENNIS (Double Daisy)									
p	Double and Semi-double mixed colors (Sold out)	..	..	..	..	..	..	—	.60
p	Longfellow , large double white with red	..	..	..	..	..	..	.50	1.10
p	monstrosa , giant-fl. double, finest mxd.	..	..	..	..	..	..	.50	1.50
p	,, alba	..	..	..	..	..	..	.50	2.50
p	,, tubulosa Etna , dark red	..	..	..	..	..	..	.50	2.50

*We supply the wild plant seeds either in Cleaned
or in Uncleaned Seeds according to the variety.*

								Trial pkt.	Per oz.
*BLETILLA (Bletia)									
p	hyacinthina	..	..	..	..	..	..	\$ .50	\$ 6.00
A terrestrial Orchid producing in spring a large rose-pink flower. Foliage resembles Palm leaves. Semi-hardy.									
p	hyacinthina white	..	..	..	..	..	..	1.00	12.00
BOCCONIA									
p	cordata, Pink Plumepoppy	..	..	..	..	..	..	—	.30
BRUNELLA									
p	prunelliformis, Selfheal..	..	..	..	..	..	..	.50	3.00
CACALIA									
p	Krameri	..	..	..	..	..	..	.50	5.00
CALANTHE									
p	discolor	..	..	..	..	..	..	1.00	—
CAMPANULA (Bellflower)									
p	persicifolia, mixed	..	..	..	..	..	..	.50	1.00
p	„ blue	..	..	..	..	..	..	.50	1.00
p	„ white	..	..	..	..	..	..	.50	1.00
p	punctata, Spotted Bellflower	..	..	..	..	..	..	.50	2.50
CARYOPTERIS									
p	mastacanthus, mixed	..	..	..	..	..	..	—	.50
p	„ blue	..	..	..	..	..	..	—	.50
p	„ pink	..	..	..	..	..	..	—	.70
p	„ white	..	..	..	..	..	..	—	.50
CHRYSANTHEMUM									
p	japonicum	..	..	..	..	..	..	.50	2.00
Excellent for Cascade or Balcony mixture composed of many brilliant and distinct colors.									
p	japonicum Double Anemone-fl'd, finest mixed	..	..	..	..	..	..	1.00	7.00
p	sibiricum, Hardy Siberian Chrysanthemum with white flower	..	..	..	..	..	..	.50	1.30
CHELONE									
p	barbata hybrida	..	..	..	..	..	..	—	.80
CIMICIFUGA (Bugbane)									
p	simplex, Kamchatka Bugbane..	..	..	..	..	..	..	.50	1.00
CIRSIUM (Thistle)									
p	purpuratum	..	..	..	..	..	..	.50	2.00
The largest and most elegant Thistle in Japan. 3 feet tall with monstrous foliage and flower. Grows well in sandy soil.									
*CLINTONIA									
p.al	udensis	..	..	..	..	..	..	.50	1.00

Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

							Trial plt.	Per oz.	
CLIVIA									
p	miniata hybrida	(Imantophyllum)	Per 100 seeds	\$.60	\$ —	\$ —			
	<i>Saved from selected large-flowered plants.</i>		1,000	„	5.50	—	—		
COLEUS (Flame Netted)									
a	hybridus , mixed	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.50	2.00
a	„	extra large leaved , finest mxd...	.. .. .	.. .. .	.. .. .	.. .. .	.50	3.50
a	„	salicifolius , mixed	.. .. .	.. .. .	.. .. .	.. .. .	.50	4.50
CONANDRON									
p.al	ramondioides	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.50	3.00
	<i>Medium-sized Tobacco like foliage. Lovely azure-blue flower which is highly attractive. Likes half shaded place.</i>								
COREOPSIS (Calliopsis)									
p	lanceolata grandiflora	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	—	.25
p	„	„	Mayfield Giant	.. .. .	.. .. .	.. .. .	—	.30
p	„	„	semi-double	.. .. .	.. .. .	.. .. .	—	.35
CRAWFURDIA									
p	trinervis	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.50	3.00
	<i>A climbing Gentian. The flower is large with beautiful blue color and comes to bloom in the autumn. One of the most fancy Gentians.</i>								
CREMASTRA									
p	appendiculata	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.50	5.00
*CYPRIPEDIUM (Ladyslipper)									
p.al	debile	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	1.00	15.00
	<i>A miniature terrestrial Cypripedium which is suitable for small pots or for Rock Gardens. Flowers in July, yellowish green color.</i>								
p	japonicum	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.50	5.00
	<i>A hardy terrestrial Cypripedium with large light-pink flower. One of the most showy hardy Orchids.</i>								
p	speciosum	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.50	5.00
	<i>A little smaller than preceding variety but darker in color.</i>								
DIANTHUS									
a	chinensis , single finest mixed	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	—	.25
p	superbus , fragrant perennial, lovely pink	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	.50	1.00
p	„	albus . See also Specialty page 7.	.. .. .	.. .. .	.. .. .	.. .. .	1.00	5.00
p	„	roseus . See also Specialty page 7.	.. .. .	.. .. .	.. .. .	.. .. .	1.00	4.00
DICENTRA									
p.al	peregrina pusilla	.. .. .	.. .. .	.. .. .	.. .. .	(Booked up)	1.00	—
DIGITALIS (Foxglove)									
p	gloxiniaeflora , large-fl. mxd.	.. .. .	.. .. .	.. .. .	.. .. .	.. .. .	—	.25
p	„	„	purple	.. .. .	.. .. .	.. .. .	—	.25
p	„	„	rose	.. .. .	.. .. .	.. .. .	—	.25
p	„	„	white	.. .. .	.. .. .	.. .. .	—	.25

We supply the wild plant seeds either in Cleaned or in Uncleaned Seeds according to the variety.

DIGITALIS (Cont'd.)

									Trial pkt.	Per oz.
p	gloxiniaeflora	The Shirley, mxd. colors	\$ —	\$.30
p	lutea	—	.70

ECHINOPS

p	dahuricus50	2.50
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EPILOBIUM (Willow-weed)

p	angustifolium50	1.50
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EPIMEDIUM

p	macranthum violaceum50	3.00
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EULALIA

p	japonica	—	.25
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EUPATORIUM

p	stoechadosmum50	1.20
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FILIPENDULA

p	multijuga50	1.50
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FLOWERING KALE

bi	mixed colors	Per ¼ lb.	\$2.00	—	.70
See also Specialty page 8.									

GAILLARDIA

p	grandiflora , large-fl. mixed	—	.25
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***GENTIANA** (Gentian)

p.al	nipponica50	2.50
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p	scabra50	1.50
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A large flowering Gentian which flowers very late. We often find them flowering in the snow. Very hardy. 1 foot in height.

bi.al	squarrosa	1.00	—
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bi	Zollingeri	1.00	—
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***GERANIUM**

p.al	hakusanense50	3.00
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p	nepalense50	2.50
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GEUM

p	Mrs. Bradshaw , scarlet..50	1.30
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***GLAUCIDIUM**

p.al	palmatum30	2.50
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One of the most beautiful perennial poppies with clear blue flower which is of good size. The leaves are palmated. Quite distinctive and suitable for either Pots or Rock Gardens.

GLORIOSA										Trial pkt.	Per oz.
p	superba	..	..	..	..	..	..	Per 100 seeds	\$.65	\$ —	\$ —
								1,000 „	6.00	—	—
<i>Half hardy bulbous climbing perennial of lily family. Splendid orange-red flowers.</i>											
*GYMNADENIA											
p.al	conopsea	..	..	..	..	..	..	..	..	2.00	—
p.al	rupestris	..	..	..	..	..	..	..	..	2.00	—
GYPSOPHILA											
p	Oldhamiana	..	..	..	..	..	..	(Booked up)	..	.50	1.00
<i>Similar but later flowering than paniculata and pink flowered.</i>											
HABENARIA											
p	radiata	..	..	..	..	..	..	..	..	2.00	—
HEMEROCALLIS											
p	fulva var. Kwanso , Towny Daylily	..	..	..	..	..	..	..	..	—	.80
HESPERIS											
p	matronalis , white	..	..	..	..	..	..	..	..	—	.25
HOLLYHOCK											
p	double-fl. finest mixed	..	..	..	..	..	..	..	..	—	.50
*HOSTA (Plantainlily)											
p	japonica angustifolia	..	..	..	..	..	..	..	..	—	.80
p	Sieboldiana longipes	..	..	..	..	..	..	..	..	—	.80
HUMULUS											
p	japonicus	..	..	..	..	..	..	..	..	—	.30
HYPERICUM (St. Johnswort)											
p	ascyron	..	..	..	..	..	..	..	..	.50	1.00
*IMPATIENS (Snapweed)											
a	noli-tangere	..	..	..	..	..	..	..	..	.50	2.00
<i>An inhabitant of shady place. Foliage is strongly lacinated and flowers which are born in large cluster are pure yellow. Comes to flower in July to August.</i>											
a	Textori	..	..	..	..	..	..	..	..	.50	2.00
INULA											
p	japonica	..	..	..	..	..	..	..	..	—	.50
JEFFERSONIA (Twinleaf)											
p	dubia	..	..	..	..	..	..	..	..	.50	5.00
LINGULARIA											
p	sibirica	..	..	..	..	..	..	..	..	.50	1.00

*We supply the wild plant seeds either in Cleaned or
in Uncleaned Seeds according to the variety.*

LOTUS (Aquatic plant)								Trial pkt.	Per oz.
	speciosa , pink	\$ —	\$.25
	,, white	—	.25

LYCHNIS

p	Miqueliana50	4.00
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LYCORIS (Cluster Amaryllis)

p	squamigera , Hardy Cluster Amaryllis Halli50	2.50
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The popularity of the plants is increased as they look like clustered Amaryllis and are perfectly hardy. The flowers are beautiful pink and open in August.

LYSIMACHIA (Loosestrife)

p	vulgaris , Golden Loosestrife50	1.00
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MYOSOTIS (Forget-me-not)

R	alpestris , blue	(Sold out)	—	.25
R	,, white	—	.25
R	arvensis , common Forget-me-not	—	.25
R	oblongata perfecta	..	..	..	..	..	..	—	.70
R	palustris	..	..	..	..	..	..	—	.80
R	palustris semperflorens	—	.80

NUPHAR (Aquatic plant)

	japonica , Yellow Buttercup50	3.00
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NYMPHAEA (Aquatic plant)

	pygmaea alba	(Booked up)	.50	3.00
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OENOTHERA (Evening Primrose)

bi	biennis	—	.25
bi	Lamarckiana , Large Yellow Evening Primrose	—	.25

***OMPHALODES** (Navelseed)

p	japonica50	3.00
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A sort of perennial creeper with large dark blue flower which looks something like those of Anchusa's.

PAEONIA (Peony) — see also page 22.

								Per oz.	Per lb.	10 lbs.
d*	chinensis , double-fl. mxd. colors	..	..	..	..	..	..	\$ .35	\$3.50	\$30.00
	<i>See also Specialty page 8.</i>									
d*	obovata , Wild Japanese single-fl. mxd. colors	..	..	..	..	..	..	.70	7.00	—
d*	,, pink	..	..	..	..	..	..	.80	8.00	—
d*	,, white	..	..	..	..	..	..	.80	8.00	—

An alpine Paeonia with good-sized single flower leaving berries afterward which turn to the brilliant red in the fall. Quite attractive.

PARNASSIA										Trial pkt.	Per oz.
p.al	palustris	..	..	..	..	..	..	..	..	\$ .50	\$ 3.50
PATRINIA											
p.al	palmata	..	..	..	..	..	..	..	..	.50	1.00
p	scabiosaefolia	..	.	..	..	..	..	..	..	—	.60
p	villosa	..	..	..	..	..	..	..	..	—	.70
PEDICULARIS											
p	gloriosa	..	..	..	..	..	..	..	..	.50	1.00
p.al	japonica , Four-leaved Woodbetony	..	..	..	..	..	..	..	..	.50	3.00
PHYSALIS (Chinese Lantern Plant)											
p	Franchetii	..	..	..	..	..	..	..	..	—	.30
<i>A hardy perennial which bears many lantern shaped fruits.</i>											
PHYSOSTEGIA (Dragon's Head)											
p	virginica , rosy lilac	..	..	..	..	..	..	..	..	.50	1.00
*PIROLA											
p	japonica	..	..	..	..	..	..	..	..	.50	2.50
p	rotundifolia incarnata	..	..	..	..	..	..	..	..	.50	2.50
p	secunda vulgaris	..	..	..	..	..	..	..	..	1.00	10.00
PLATANATHERA											
p	ussuriensis	..	..	..	..	..	..	..	..	.50	5.00
PLATYCODON (Japanese Bell Flower)											
p	Mariesii , dwarf mixed	..	..	..	..	..	..	..	..	.50	1.60
p	grandiflora , blue	..	..	..	..	..	..	..	..	—	.30
p	„ white	..	..	..	..	..	..	..	..	—	.40
p	„ mixed	..	..	..	..	..	..	..	..	—	.35
p	„ double-fl. blue	..	..	..	..	..	..	..	..	.50	1.50
p	„ „ white	..	..	..	..	..	..	..	..	.50	1.50
p	„ annual early-fl. blue	..	..	..	..	..	..	..	..	—	.50
p	„ „ white	..	..	..	..	..	..	..	..	—	.50
p	GRANDIFLORA PRAECOX GIGANTEA..	..	..	..	..	..	..	..	..	.50	2.00
<i>An extra early flowering Platycodon with most gigantic size. Individual flower measures as large as 4 inches across and starts flowering already in June. Seed when planted in April-May starts flowering from August on until frost kills them. They grow up over 2½ ft. from roots but from seeds, they start flowering at the height of 5 inches. We can supply both in blue and in white color. From seed they show some percentage of variation in color and in size. We consider this to be a startling novelty.</i>											
POLYGONUM											
p	sachalinense	..	..	..	..	..	..	..	..	—	.50

We supply the wild plant seeds either in Cleaned or in Uncleaned Seeds according to the variety.

PRIMULA (Primrose)								Trial pkt.	Per oz.
p	farinosa modesta..	..	..	..	..	..	..	\$1.00	\$ 8.00
p	japonica	..	..	..	..	..	..	.50	1.20
p.al	Reinii	..	..	..	..	..	..	1.00	8.00
	Sieboldii	..	..	..	..	..	..	.50	--
p.al	tosaensis	..	..	..	..	..	..	1.00	8.00
PYRETHRUM									
p	roseum hybridum , rose..	..	..	..	..	..	..	—	.80
REHMANNIA									
p	angulata	..	..	..	..	..	..	.50	3.50
SENECIO									
p	palmata	..	..	..	..	..	..	—	.50
SCABIOSA									
a	annual finest mixed	..	..	..	..	..	..	—	.25
p	Fischeri . See also Specialty page 8.	..	..	..	..	..	..	.50	1.50
p	japonica	..	..	..	..	..	..	—	.30
SHORTIA									
p.al	soldanelloides	..	..	..	..	..	..	.50	7.00
	<i>A glossy foliage almost identical to that of Galax. Beautiful good sized clear pink flowers in early spring. Extremely lovely.</i>								
p.al	soldanelloides ilicifolia..	..	..	..	..	..	..	.50	7.00
	<i>Resembles the above, but smaller all way through.</i>								
p.al	soldanelloides minima	..	..	..	..	..	..	.50	7.00
	<i>The above companion.</i>								
p.al	uniflora	..	..	..	..	..	..	.50	7.00
	<i>Closely allied to S. soldanelloides but little larger all way through.</i>								
*SOPHORA									
p	flavescens	..	..	..	..	..	..	—	.30
STOKESIA (Cornflower Aster)									
p.al	cyanea , mixed	..	..	..	..	..	..	.50	1.00
p	„ blue	..	..	..	..	..	..	.50	1.00
p	„ white	..	..	..	..	..	..	.50	1.00
SWERTIA									
p	bimaculata..	..	..	..	..	..	..	.50	1.50
*THALICTRUM (Meadowrue)									
p.al	akanense	..	..	..	..	..	..	.50	4.00
p	aquilegifolium , Columbine Meadowrue	..	..	..	..	..	..	.50	3.00
p.al	rochebrunianum	..	..	—	..	..	..	1.00	10.00
	<i>This grows up as tall as 4 feet with ordinary Thalictrum leaves. The flowers are large with light purple color which look like Thalictrum dipterocarpum.</i>								
p	tuberiferum , Mountain Meadowrue	..	..	..	..	..	..	.50	2.00
*TRACHELOSPERMUM (Star-Jasmine)									
ec	jasminoides , Confederate-Jasmine	..	..	..	..	..	..	.50	2.00

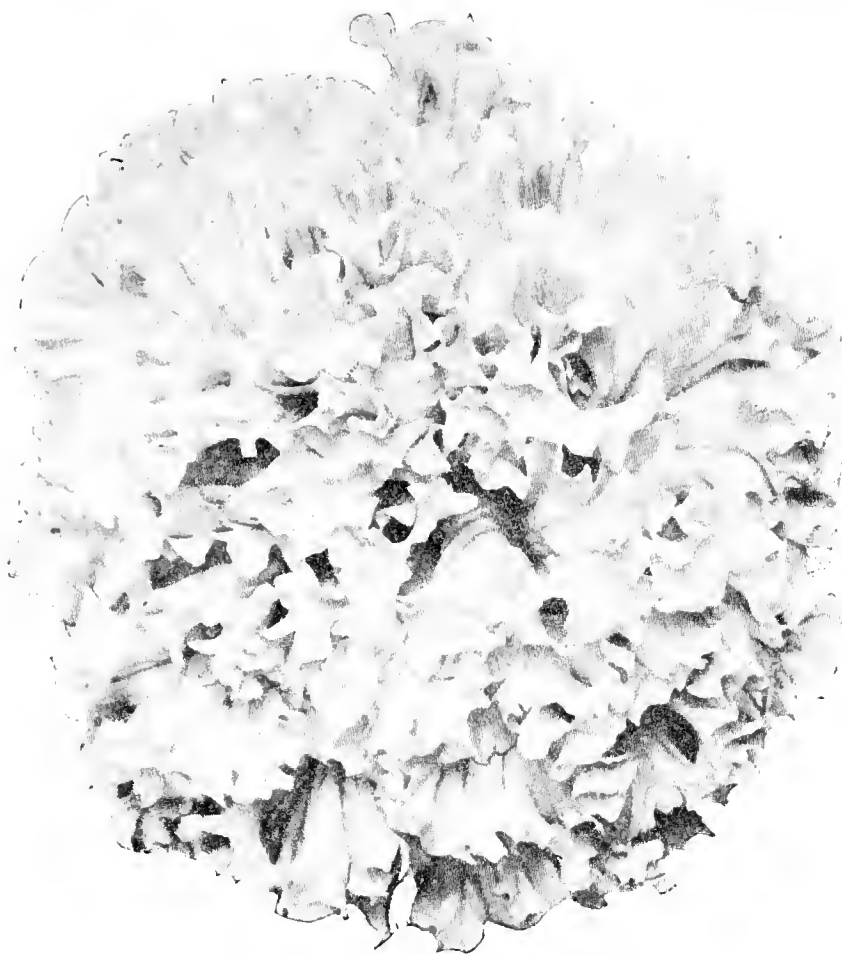
Any other varieties not listed in this list, prices on request.
Special prices on larger quantities.

TRICHOSANTHES (Snake-Gourd)								Trial pkt.	Per oz.
dc	cucumeroides	..	..	..	..	..	..	\$ .50	1.00
	<i>An ornamental hardy perennial climber of great attraction. Showy feathery lacinated flowers leaving bright red colored Cucumber like fruits.</i>								
dc	japonica	..	..	..	..	..	..	.50	1.00
	<i>Similar to above, except yellow fruit.</i>								
TRICYRTIS (Toadlily)									
p	hirta	..	..	..	..	..	..	.50	1.20
	<i>2 feet. Smaller than T. macropoda, flowers in autumn.</i>								
p	macropoda	..	..	..	..	..	..	.50	3.00
	<i>One of the largest Tricyrtis with distinctive light purple flowers.</i>								
*TRIFOLIUM									
p	lupinaster	..	..	..	..	..	..	.50	3.00
*TRILLIUM									
p	apetalon , purple flower	..	..	..	..	..	..	.50	5.00
p	Tschonoskii , white flower	..	..	..	..	..	..	.50	5.00
TROLLIUS (Globeflower)									
p	Ledebourii , Ledebour Globeflower	..	..	..	..	..	..	.50	3.00
*VERATRUM (False-Hellebore)									
p.al	album grandiflorum	..	..	..	..	..	..	.50	2.00
p	nigrum japonicum	..	..	..	..	..	..	.50	2.00
*VERONICA (Speedwell)									
p	longifolia subsessilis , Clump Speedwell	..	..	..	..	..	..	.50	1.00
p	sibirica , Virginian Speedwell	..	..	..	..	..	..	.50	1.00
VINCA									
a*	rosea alba oculata	..	..	..	..	..	..	—	.35
a*	„ „ pura	..	..	..	..	..	..	—	.35
a*	„ rose	..	..	..	..	..	..	—	.35
a*	„ mixed colors	..	..	..	..	..	..	—	.35
*VIOLA (Violet)									
p.al	biflora	..	..	..	..	..	..	1.00	10.00
p	eizanensis	..	..	..	..	..	..	.50	3.00
p	grypoceras	..	..	..	..	..	..	.50	2.50
p	verecunda typica	..	..	..	..	..	..	.50	2.50
p	vaginata	..	..	..	..	..	..	.50	3.00
VISCARIA									
a	Blue Bouquet	..	..	..	..	..	..	.50	1.00

OSTERDAMIA JAPONICA (Zoysia japonica)

One of the hardy perennial Lawn Grasses, suitable for Golf Courses, Embankments and Airports.

Prices ; \$3.00 10 lbs, \$25.00 100 lbs.



Sakata's All-Double Petunias

Producing practically 100% double flowers

Since we introduced the "ALL-DOUBLE or 100% Double-fl. GIANT FRINGED PETUNIA" seed into the market, we have done everything possible to improve it, both in color and size. We have also done our best to eliminate the small-flowering doubles.

We are now, therefore, able to offer such seeds which, not only grow 100% double-flowering plants, but also produce flowers of immense size. These flowers show a wonderful assortment of beautiful colors, such as Carmine, Brilliant Rose, Velvety Purple Violet, Purple, White, Creamy Yellow, and innumerable intermediate as well as variegated colors. These flowers, which are exquisitely fringed and duplexed as shown in the picture, very often measure as much as 5 inches across.

We have the following types ;

"Triumphant"	Tall Giant Fringed type
"Victorious"	Dwarf Giant Fringed type
"Superb"	Tall Peony-fl. type
"Dwarf Superb"	Dwarf Peony-fl. type
"Glorious"	Tall Carnation-fl. type
"Dwarf Glorious"	Dwarf Carnation-fl. type

For detail, please apply to Messrs. Herbst Brothers.

*Any other varieties not listed in this list, prices on request.
Special prices on larger quantities*

Cultural Notes

Tree seed planters often attribute lack of success to the seed, which, although viable often fail to germinate by reason of improper sowing. To prevent such failure we give a few important cultural notes which we invite those of our customers who have no experience in tree seed culture to read carefully.

Seeds having a hard skin or shell often remain for a year, or even longer, dormant in the ground. They may come up during the following season or even two or three years later.

To succeed with tree seed it is important to keep the seed bed sufficiently moist but not too wet, as this may lead to "Damping off," especially in the case of coniferous seedlings. The seed bed must be of well drained loamy soil sufficiently sandy to prevent fungus attacking the seedlings. Shading is necessary, especially for the delicate sorts. We recommend the use of disinfectants of which numerous brands have recently come on the market.

Generally speaking, tree seed does not carry well in warm places; it should be at once placed in cold storage if it cannot be immediately used. Even then it often will not carry safely from season to season.

Many sorts lose their germination quickly; especially *Ulmus*, Cherries, small-fruited *Prunus*, Mulberries, *Elaeagnus*, etc. These should be kept only in cold storage.

It is physically impossible to treat conclusively in a few lines the subject of tree seed germination. To all, even experienced growers of seedlings, flowering Cherries and stone fruited plants, we can recommend Bulletin No. 569 of the New York State Agricultural Experiment Station at Geneva, N. Y., by Dr. H. B. Tuckey. In this Bulletin you will find this subject treated fully and practically.

Growers of Conifers and Shrubs will do well to keep posted on the Bulletins of the Boyce Thompson Institute.

We may recommend specially Dr. William Crocker's Bulletin No. 15, dated March, 1930, copies of which may be secured, we believe, from the Boyce Thompson Institute for Plant Research, 1086 North Broadway, Yonkers, New York.

The following pointers may be of service to the nurseryman. They are based on our own experience but should be changed as conditions seem to require.

Abelia	Diervilla	Rhododendron	} Sow in peat moss or fine leaf mould in well protected seed bed.
Alpine Plants	Enkianthus	Ribes	
Andromeda	Lagerstroemia	Tamarix	
Azalea	Ledum	Tripetaleia	
Buddleia	Leucothoe	Weigela	
Corylopis	Menziesia		
Deutzia	Phyllodoce		
Carpinus	Hovenia	Pterocarya	} Sow as soon as possible after seeds are received.
Clerodendron	Malus	Ulmus	
Disanthus	Meliosma	Zanthoxylum	
Edgeworthia	Prunus		
Aesculus	Cinnamomum	Lagerstroemia	} Sow in autumn or when seed arrived.
Alnus	(in warmer climate)	Ligustrum	
Amygdalus		Prunus triflora	
Caragana	Cornus	Sapindus	
Chamaerops	Corylus	Syringa	
(in warmer climate)	Forsythia	Tilia	
	Fraxinus		

Acanthopanax	Diospyros	Lycium	} Sow in early spring.
Actinidia	Euptelea	Paeonia	
Ailanthus	Euscaphis	Podocarpus	
Akebia	Exochorda	Pyrus	
Amelanchier	Fagus	Rhus	
Amorpha	Gleditschia	Sambucus	
Berberis	Illicium	Schizophragma	
Catalpa	Indigofera	Skimmia	
Celtis	Juglans	Sophora	
Cercidiphyllum	Juniperus	Staphylea	
Chloranthus	Kerria	Stauntonia	
Clematis	Koelreuteria	Stewartia	
Daphniphyllum	Lespedeza	Symplocos	
Abies	Hibiscus	Rhaphiolepis	} Sow in spring after danger of frost is past and soil is warm.
Acer	Hydrangea	Rhodotypos	
Aleurites	Idesia	Robinia	
Ampelopsis	Ilex	Schizandra	
Aralia	Larix	Sciadopitys	
Benzoin	Lonicera	Smilax	
Betula	Maackia	Sorbaria	
Bischofia	Machilus	Sorbus	
Buxus	Magnolia	Spiraea	
Callicarpa	Mallotus	Stachyurus	
Camellia	Melia	Styrax	
Celastrus	Michelia	Taxus	
Cephalotaxus	Micromeles	Taonabo	
Cercis	Myrica	Thuja	
Chamaecyparis	Nandina	Thujopsis	
Citrus	Paulownia	Torreya	
Cladrastis	Phellodendron	Trochodendron	
Clethra	Philadelphus	Tsuga	
Crataegus	Photinia	Vaccinium	
Cryptomeria	Picea	Viburnum	
Cydonia	Pinus	Vitis	
Elaeagnus	Pittosporum	Wisteria	
Euonymus	Platycarya	Zelkova	
Gardenia	Pterostyrax	Zizyphus	
Ginkgo	Pueraria		
Hemipteleia	Punica		
Acer	Fagus	Pyrus	} Stratify before sowing; seeds germinate slowly.
Akebia	Hamamelis	Prunus	
Amelanchier	Ilex	Rhus	
Ampelopsis	Juniperus	Ribes	
Berberis	Koelreuteria	Rosa rugosa	
Buxus	Lonicera	Rosa Wichuraiana	
Cephalotaxus	Magnolia	Sorbus	
Celtis	Melia	Staphylea	
Cydonia	Michelia	Styrax	
Clematis	Micromeles	Taxus	
Crataegus	Nandina	Viburnum	
Diospyros	Ostrya	Vitis	
Elaeagnus	Paeonia Moutan	Zanthoxylum	
Exochorda	Photinia		
Albizzia	Cercis	Pueraria	} Soak in tepid water just before planting.
Buxus	Gleditschia	Robinia	
Camellia	Ilex	Rosa	
Caragana	Photinia	Sophora	
Ardisia	Kadsura		} Sow under glass.

